

Abstract

A user request processing method and apparatus, using an upstream channel, is provided, in which if a user request of predetermined processing for some predetermined nodes in interactive multimedia contents services, preferably, in an MPEG-4 binary format for a scene (BIFS) scene occurs, the user terminal forms an upstream channel message for the BIFS scene and transmits the message to the server through upstream channels, and the server processes and encodes the corresponding BIFS scene nodes and then transmits the nodes to the terminal. According to the methods and apparatuses, by properly handling events of user requests on partial elements in an arbitrary multimedia content provided for the user as interactive multimedia contents services, predetermined elements can be selectively processed. Therefore, information volume to be transmitted for restoration from an error can be minimized, and the terminal can quickly receive restored information.